

Featured are surgical devices that provide enhanced perceptual feedback to a medical practitioner in the form of e.g. tactile sensations or auditory feedback, and methods of use of the devices. The devices and methods of the present invention are particularly suitable for microsurgery applications including ophthalmic or neurosurgical procedures. Use of the present devices and methods will enhance user feedback, allowing for improved perception, thereby increasing performance, speed, and accuracy of surgical procedures.

**THE UNIVERSITY OF CHICAGO**